

CLAIMS

1. A flexible tubular pipe for transporting fluids,
particularly gaseous hydrocarbons, the pipe being
5 of the unbonded type and comprising at least a
carcass (2), a polymer internal sealing sheath (3)
providing sealing for the transported fluid and
one or more armor layers (5) and in which the
carcass (2), situated inside the internal sealing
10 sheath (3) consists of the interlocked spiral
winding of a profiled element (7), characterized
in that the turns of the carcass (2) are
internally covered with a sheath (30) pierced with
holes (31) that is intended to oppose turbulence
15 of the fluid flowing in the pipe.
2. The pipe as claimed in claim 1, in which the turns
of the carcass (2) form internal discontinuities
(9) between them, characterized in that the holes
20 (31) in the pierced sheath (30) are situated
partially at the internal discontinuities (9)
between the turns and prevent the antiturbulence
sheath (30) from collapsing if the interior of the
pipe is decompressed.
- 25 3. The pipe as claimed in claim 2, characterized in
that at least 30% of the holes are partially
situated at the internal discontinuities (9)
between the turns.
- 30 4. The pipe as claimed in either one of claims 2 and
3, characterized in that the pierced sheath
partially collapses at the internal
discontinuities (9) between the turns.
- 35 5. The pipe as claimed in any one of claims 1 to 4,
characterized in that the holes are oblong.

6. The pipe as claimed in any one of claims 1 to 5,
characterized in that the holes (31) have a mean
diameter of between 1 and 8 mm.
- 5 7. The pipe as claimed in any one of claims 1 to 6,
characterized in that the holes (31) are
positioned longitudinally in an offset manner.
- 10 8. The pipe as claimed in any one of claims 1 to 7,
characterized in that the holes (31) are
positioned with a spacing of between 5 and 100 mm.
- 15 9. The pipe as claimed in any one of claims 1 to 8,
characterized in that the antiturbulence polymer
sheath (30) is reinforced with fiber or with a
latticework.